

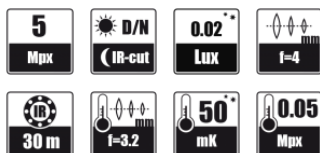


5 MPX Dual IP Camera (Thermal/Visual)

NVIP-5H-6711/TA/3



FUNCTIONS



The camera is dedicated to work with NOVUS 6000 series recorders with software version newer or equal to 1.4.7 (does not apply to PoE ports). Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

KEY FEATURES

- Lens: fixed focal, $f=4$ mm/F1.6
- lens: thermal fixed focal length, $f=3.2$ mm/F1.1
- thermo dual vision - function allowing to overlay a thermal image on the video image
- D/N function - IR cut filter
- Video content analysis based on Deep Learning
- microSD card support
- Temperature Measurement - Thermal Module.
- Temperature Alarm - Thermal Module
- Ability to observe in total darkness - Thermal Module
- two-way audio
- Min. Illumination: 0.02 lx (0 lx, IR on)
- IR LED, range up to 30 m

DIMENSIONS



| | |
|--|--|
| Image - Thermal Module | |
| Image Sensor | Uncooled FPA Microbolometer |
| Number of Effective Pixels | 256 (H) x 192 (V) |
| Pixel Size | 12 μ m |
| Spectral Range | 8 - 14 μ m |
| Thermal Sensitivity | 50 mK |
| Thermovision Modes | White Hot, Black Hot, Rainbow, Iron Oxide Red, Lava Color |
| Detection Temperature | -20°C ~ 150°C |
| Lens - Thermal Module | |
| Lens Type | fixed focal length, $f=3.2$ mm/F1.1 |
| Object Detection Range | 133m - human , 409m - vehicle |
| Object Recognition Range | 33m - human , 102m - vehicle |
| Image | |
| Image Sensor | 5 MPX CMOS sensor 1/2.7" OmniVision |
| Number of Effective Pixels | 2688 (H) x 1944 (V) |
| Min. Illumination | 0.02 lx/F1.6 - color mode, 0 lx (IR on) - B/W mode |
| Electronic Shutter | auto/manual: 1/3 s ~ 1/100000 s |
| Digital Slow Shutter (DSS) | up to 1/3 s |
| Digital Noise Reduction (DNR) | 2D, 3D |
| Defog Function (F-DNR) | yes |
| Highlight Compensation (HLC) | yes |
| Back Light Compensation (BLC) | yes |
| Reduction of image flicker (Antiflicker) | yes |
| Lens | |
| Lens Type | fixed focal, $f=4$ mm/F1.6 |
| Day/Night | |
| Switching Type | mechanical IR cut filter |
| Switching Mode | auto, manual, time, external |
| Switching Level Adjustment | yes |
| Switching Delay | 2 ~ 120 s |
| Switching Schedule | yes |
| Visible Light Sensor | yes |
| Network | |
| Stream Resolution | 2560 x 1440 (QHD), 2592 x 1520, 2592 x 1944, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 352 x 288 (CIF), 480 x 240 for thermal module: 1280 x 720, 704 x 576, 480 x 240, 352 x 288 (CIF) |
| Frame Rate | 30 fps for each resolution |
| Multistreaming Mode | 3 streams |
| Video/Audio Compression | H.264, H.265, MJPEG/G.711 |
| Number of Simultaneous Connections | max. 10 |
| Bandwidth | 50 Mb/s in total |
| Network Protocols Support | HTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, HTML5 |
| ONVIF Protocol Support | Profile G/S/T |
| Camera Configuration | from Internet Explorer, Edge, Firefox, Chrome, Opera browser languages: Polish, English, and others |
| Mobile applications | SuperLive Plus (iPhone, Android) |
| Other functions | |
| Temperature Measurement | yes |
| Temperature Alarm | yes - for thermal module |
| Temperature Measurement Zones | 10 - for thermal module polygon, line, point |
| Temperature Measurement Accuracy | +/- 2°C |
| Privacy Zones | 4 video mask type: single color |
| Motion Detection | yes |
| Region of interest (ROI) | 8 |
| Video Content Analysis (VCA) | tamper, line cross, zone entrance, zone exit, face detection, cross counting, scene change, video blurred, video color cast, intrusion detection for thermal module: line cross, intrusion detection, fire detection, temperature measurement |
| Image Processing | sharpening, vertical flip, horizontal flip, lens distortion correction |
| Prealarm/Postalarm | up to 6 s/up to 120 s |
| System Reaction to Alarm Events | e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, playback of the audio message |
| Determent | white LEDs, flashing light, built-in speaker (predefined or custom voice messages) |
| Restoring default settings | via web browser, using reset button, via NMS IPTool software |
| IR LED | |
| LED Number | 2 |
| Range | 30 m |
| Smart IR | yes (software support) |

| White light illuminator | |
|--------------------------------|---|
| LED Number | 1, warm white color |
| Smart Light | yes (software support) |
| Interfaces | |
| Audio Input/Output | 1 x Jack (3.5 mm)/- built-in speaker |
| Alarm Input/Output | 1 (NO/NC)/1 relay type (max. 12VDC/300mA) |
| Network Interface | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s |
| Memory Card Slot | microSD - capacity up to 256GB |
| Installation parameters | |
| Dimensions (mm) | with bracket: 81 (W) x 81 (H) x 220 (L) |
| Weight | 0.73 kg |
| Degree of Protection | IP 66 (details in the user's manual) |
| Enclosure | aluminium, white, fully cable managed wall mount bracket in-set included , IK10 impact rating |
| Power Supply | 12 VDC, PoE (IEEE 802.3af, Class 3) |
| Surge protection | TVS 4000 V |
| Power Consumption | 8 W, 9 W (IR illuminator on), 10 W (white light illuminator on), 11 W (IR and white light illuminators on) |
| Operating Temperature | -30°C ~ 60°C |
| Humidity | max. 95%, relative (non-condensing) |